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NEWS 4 OCT 28 KOREPAT now available on STN
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NEWS 8 DEC 15 MEDLINE update schedule for December 2004
NEWS 9 DEC 17 ELCOM reloaded; updating to resume; current-awareness alerts (SDIs) affected
NEWS 10 DEC 17 COMPUAB reloaded; updating to resume; current-awareness alerts (SDIs) affected
NEWS 11 DEC 17 SOLIDSTATE reloaded; updating to resume; current-awareness alerts (SDIs) affected
NEWS 12 DEC 17 CERAB reloaded; updating to resume; current-awareness alerts (SDIs) affected
NEWS 13 DEC 17 THREE NEW FIELDS ADDED TO IFIPAT/IFIUDB/IFICDB
NEWS 14 DEC 30 EPFULL: New patent full text database to be available on STN
NEWS 15 DEC 30 CAPLUS - PATENT COVERAGE EXPANDED
NEWS 16 JAN 03 No connect-hour charges in EPFULL during January and February 2005
NEWS 17 JAN 26 CA/CAPLUS - Expanded patent coverage to include the Russian Agency for Patents and Trademarks (ROSPATENT)

NEWS EXPRESS JANUARY 10 CURRENT WINDOWS VERSION IS V7.01a, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 10 JANUARY 2005

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FILE 'SCISEARCH' ENTERED AT 13:40:17 ON 03 FEB 2005
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=> s (NMP or (methyl 2 pyrrolidone))
 2 FILES SEARCHED...
 L1 37080 (NMP OR (METHYL 2 PYRROLIDONE))

=> s l1 and (osteogen? or (bone growth) or (bone formation) or (bone heal?))
 L2 245 L1 AND (OSTEOGEN? OR (BONE GROWTH) OR (BONE FORMATION) OR (BONE HEAL?))

=> s l2 and implant?
 L3 170 L2 AND IMPLANT?

=> s l3 and (melt process?)
 L4 1 L3 AND (MELT PROCESS?)

=> d 14 1 ibib abs

L4 ANSWER 1 OF 1 USPATFULL on STN
 ACCESSION NUMBER: 2004:101725 USPATFULL
 TITLE: Cyclodextrin-based polymers for therapeutics delivery
 INVENTOR(S): Cheng, Jianjun, Arcadia, CA, UNITED STATES
 Davis, Mark E., Pasadena, CA, UNITED STATES
 Khin, Kay T., San Gabriel, CA, UNITED STATES
 PATENT ASSIGNEE(S): Insert Therapeutics, Inc., Pasadena, CA, UNITED STATES
 (U.S. corporation)

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|---------------|
| PATENT INFORMATION: | US 2004077595 | A1 | 20040422 |
| APPLICATION INFO.: | US 2003-656838 | A1 | 20030905 (10) |

| | NUMBER | DATE |
|-----------------------|-----------------|---------------|
| PRIORITY INFORMATION: | US 2002-408855P | 20020906 (60) |
| | US 2002-422830P | 20021031 (60) |
| | US 2003-451998P | 20030304 (60) |

DOCUMENT TYPE: Utility
 FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: ROPES & GRAY LLP, ONE INTERNATIONAL PLACE, BOSTON, MA,
02110-2624
NUMBER OF CLAIMS: 35
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 12 Drawing Page(s)
LINE COUNT: 4117

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to novel compositions of therapeutic cyclodextrin containing polymeric compounds designed as a carrier for small molecule therapeutics delivery and pharmaceutical compositions thereof. These cyclodextrin-containing polymers improve drug stability and solubility, and reduce toxicity of the small molecule therapeutic when used in vivo. Furthermore, by selecting from a variety of linker groups and targeting ligands the polymers present methods for controlled delivery of the therapeutic agents. The invention also relates to methods of treating subjects with the therapeutic compositions described herein. The invention further relates to methods for conducting pharmaceutical business comprising manufacturing, licensing, or distributing kits containing or relating to the polymeric compounds described herein.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> s 13 and (polyglycoli? or polylacti? or polycaprolact? or polytrimethylenecarbonate# or polyhydroxybutyrate# or polyhydroxyvalerate# or polydioxanone# or polyorthoester#)

L5 96 L3 AND (POLYGLYCOLI? OR POLYLACTI? OR POLYCAPROLACT? OR POLYTRIMETHYLENECARBONATE# OR POLYHYDROXYBUTYRATE# OR POLYHYDROXYVALERATE# OR POLYDIOXANONE# OR POLYORTHOESTER#)

=> s 15 and (polycarbonate# or polytyrosinecarbonate# or polyorthocarbonate# or (polyalkylene oxalate#) or (polyalkylene succinate#) or Poly(w)malic or poly(maleic?) or polypeptide# or polydepsipeptide#)

MISSING OPERATOR 'POLY(MALEIC?)'

The search profile that was entered contains terms or nested terms that are not separated by a logical operator.

=> s 15 and (polycarbonate# or polytyrosinecarbonate# or polyorthocarbonate# or (polyalkylene oxalate#) or (polyalkylene succinate#) or Poly(w)malic or poly(w)(maleic?) or polypeptide# or polydepsipeptide#)

2 FILES SEARCHED...

L6 86 L5 AND (POLYCARBONATE# OR POLYTYROSINECARBONATE# OR POLYORTHOCARBONATE# OR (POLYALKYLENE OXALATE#) OR (POLYALKYLENE SUCCINATE#) OR POLY(W) MALIC OR POLY(W)(MALEIC?) OR POLYPEPTIDE# OR POLYDEPSIPEPTIDE#)

=> s 16 and (polyvinylalcohol or polyesteramide# or polyamide# or polyanhydride# or polyurethane# or polyphosphazene# or polycyanoacrylate# or polyfumarate#)

MISSING OPERATOR L6 AND

The search profile that was entered contains terms or nested terms that are not separated by a logical operator.

=> s 16 and (polyvinylalcohol or polyesteramide# or polyamide# or polyanhydride# or polyurethane# or polyphosphazene# or polycyanoacrylate# or polyfumarate#)

L7 82 L6 AND (POLYVINYLALCOHOL OR POLYESTERAMIDE# OR POLYAMIDE# OR POLYANHYDRIDE# OR POLYURETHANE# OR POLYPHOSPHAZENE# OR POLCYANOACRYLATE# OR POLYFUMARATE#)

=> d 17 and ((poly(w)(amino acid#) or (modified polysaccharide#) or (modified proteins))

'AND' IS NOT A VALID FORMAT

'((POLY(W)(AMINO' IS NOT A VALID FORMAT

'ACID#))' IS NOT A VALID FORMAT

'OR' IS NOT A VALID FORMAT
'(MODIFIED' IS NOT A VALID FORMAT
'POLYSACCHARIDE#)' IS NOT A VALID FORMAT
'OR' IS NOT A VALID FORMAT
'(MODIFIED' IS NOT A VALID FORMAT
'PROTEINS))' IS NOT A VALID FORMAT

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REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):s 17 and ((poly(w)(amino acid#) or (modified polysaccharide#) or (modified proteins)))

'S' IS NOT A VALID FORMAT
'L56' IS NOT A VALID FORMAT
'AND' IS NOT A VALID FORMAT
'((POLY(W)(AMINO' IS NOT A VALID FORMAT
'ACID#)' IS NOT A VALID FORMAT
'OR' IS NOT A VALID FORMAT
'(MODIFIED' IS NOT A VALID FORMAT
'POLYSACCHARIDE#)' IS NOT A VALID FORMAT
'OR' IS NOT A VALID FORMAT
'(MODIFIED' IS NOT A VALID FORMAT
'PROTEINS))' IS NOT A VALID FORMAT

In a multifile environment, a format can only be used if it is valid in at least one of the files. Refer to file specific help messages or the STNGUIDE file for information on formats available in individual files.

REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):..

L7 ANSWER 1 OF 82 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2004:633270 CAPLUS
DN 141:179611
TI Pharmaceutical composition comprising bone morphogenetic protein and a pyrrolidone derivative
IN Weber, Franz Ernst
PA The University of Zurich, Switz.
SO U.S. Pat. Appl. Publ., 13 pp.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|---|------|----------|-----------------|----------|
| PI | US 2004152627 | A1 | 20040805 | US 2003-354856 | 20030130 |
| | WO 2004067027 | A2 | 20040812 | WO 2004-IB577 | 20040129 |
| | WO 2004067027 | A3 | 20040916 | | |
| | WO 2004067027 | C2 | 20041007 | | |
| | W: AE, AE, AG, AL, AL, AM, AM, AM, AT, AT, AU, AZ, AZ, BA, BB, BG, BG, BR, BR, BW, BY, BY, BZ, BZ, CA, CH, CN, CN, CO, CO, CR, CR, CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG, ES, ES, FI, FI, GB, GD, GE, GE, GH, GM, HR, HR, HU, HU, ID, IL, IN, IS, JP, JP, KE, KE, KG, KG, KP, KP, KR, KR, KZ, KZ, LC, LK, LR, LS, LS, LT, LU, LV, MA, MD, MD, MG, MK, MN, MW, MX, MX, MZ, MZ, NA, NI | | | | |

PRAI US 2003-354856 A 20030130

=> s 17 and ((poly(w)(amino acid#) or (modified polysaccharide#) or (modified proteins)))

UNMATCHED LEFT PARENTHESIS 'AND ((POLY'

The number of right parentheses in a query must be equal to the number of left parentheses.

=> s 17 and ((poly(w)(amino acid#)) or (modified polysaccharide#) or (modified proteins))

2 FILES SEARCHED...

L8 69 L7 AND ((POLY(W)(AMINO ACID#)) OR (MODIFIED POLYSACCHARIDE#) OR (MODIFIED PROTEINS))

=> d his

(FILE 'HOME' ENTERED AT 13:39:52 ON 03 FEB 2005)

FILE 'CAPLUS, USPATFULL, JAPIO, MEDLINE, BIOSIS, EMBASE, SCISEARCH'
ENTERED AT 13:40:17 ON 03 FEB 2005

L1 37080 S (NMP OR (METHYL 2 PYRROLIDONE))
 L2 245 S L1 AND (OSTEOGEN? OR (BONE GROWTH) OR (BONE FORMATION) OR (BO
 L3 170 S L2 AND IMPLANT?
 L4 1 S L3 AND (MELT PROCESS?)
 L5 96 S L3 AND (POLYGLYCOLI? OR POLYLACTI? OR POLYCARROLACT? OR POLY
 L6 86 S L5 AND (POLYCARBONATE# OR POLYTYROSINECARBONATE# OR POLYORTH
 L7 82 S L6 AND (POLYVINYLALCOHOL OR POLYESTERAMIDE# OR POLYAMIDE# OR
 L8 69 S L7 AND ((POLY(W)(AMINO ACID#)) OR (MODIFIED POLYSACCHARIDE#))

=> s 18 and (melt process?)
 L9 0 L8 AND (MELT PROCESS?)

=> s 18 and bone
 L10 69 L8 AND BONE

=> s 18 and osteogenesis
 L11 7 L8 AND OSTEOGENESIS

=> d 111 1-17 ibib abs

L11 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2003:435083 CAPLUS
 DOCUMENT NUMBER: 139:12376
 TITLE: Resorbable polymer composition, implant and method of making implant
 INVENTOR(S): Pirhonen, Eija; Nieuwenhuis, Jan; Kaikkonen, Auvo; Nieminen, Tuomo; Weber, Franz
 PATENT ASSIGNEE(S): Inion Ltd., Finland
 SOURCE: U.S. Pat. Appl. Publ., 6 pp.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---------------|--|----------|-----------------|----------|
| US 2003104029 | A1 | 20030605 | US 2001-6800 | 20011204 |
| WO 2003047646 | A1 | 20030612 | WO 2002-FI979 | 20021203 |
| WO 2003047646 | C1 | 20040129 | | |
| W: | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | |
| RW: | GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | |
| EP 1458429 | A1 | 20040922 | EP 2002-783117 | 20021203 |
| R: | AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK | | | |
| BR 2002014663 | A | 20041103 | BR 2002-14663 | 20021203 |

PRIORITY APPLN. INFO.: US 2001-6800 A 20011204
WO 2002-FI979 W 20021203

AB Novel polymer compns. that are useful in the manufacture of medical implants, implants having osteogenic properties and methods of making said implants are disclosed. Polymer compns. comprise a base material including a polymer matrix of resorbable polymer(s) or copolymer(s), and N-methyl-2-pyrrolidone (NMP), wherein NMP is present in an amount imparting osteogenic properties for the composition A microscope view of a histol. section of a defect created in rabbit calvarial bone where said defect is covered by a (PLA/PGA/TMC) 80/10/10 membrane treated with NMP is provided.

L11 ANSWER 2 OF 7 USPATFULL on STN

ACCESSION NUMBER: 2005:16411 USPATFULL

TITLE: Vaccines using pattern recognition receptor-ligand:lipid complexes

INVENTOR(S): Dow, Steven W., Littleton, CO, UNITED STATES
Fairman, Jeffery, Mountain View, CA, UNITED STATES

| NUMBER | KIND | DATE |
|--------|------|------|
|--------|------|------|

PATENT INFORMATION: US 2005013812 A1 20050120
APPLICATION INFO.: US 2003-621254 A1 20030714 (10)
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: HOGAN & HARTSON LLP, ONE TABOR CENTER, SUITE 1500, 1200 SEVENTEENTH ST, DENVER, CO, 80202

NUMBER OF CLAIMS: 150

EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 9 Drawing Page(s)

LINE COUNT: 3965

AB This invention relates to a vaccine and a method for immune activation which is effective for eliciting both a systemic, non-antigen specific immune response and a strong antigen-specific immune response in a mammal. The method is particularly effective for protecting a mammal from a disease including cancer, a disease associated with allergic inflammation, an infectious disease, or a condition associated with a deleterious activity of a self-antigen. Also disclosed are therapeutic compositions useful in such a method.

L11 ANSWER 3 OF 7 USPATFULL on STN

ACCESSION NUMBER: 2004:2568 USPATFULL

TITLE: 50 human secreted proteins

INVENTOR(S): Moore, Paul A., Germantown, MD, UNITED STATES
Ruben, Steven M., Olney, MD, UNITED STATES
LaFleur, David W., Washington, DC, UNITED STATES
Shi, Yanggu, Gaithersburg, MD, UNITED STATES
Rosen, Craig A., Laytonsville, MD, UNITED STATES
Olsen, Henrik S., Gaithersburg, MD, UNITED STATES
Ebner, Reinhard, Gaithersburg, MD, UNITED STATES
Brewer, Laurie A., St. Paul, MN, UNITED STATES
Human Genome Sciences, Inc., Rockville, MD (U.S. corporation)

| NUMBER | KIND | DATE |
|--------|------|------|
|--------|------|------|

PATENT INFORMATION: US 2004002591 A1 20040101
APPLICATION INFO.: US 2002-47021 A1 20020117 (10)
RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 2000-722329, filed on 28 Nov 2000, PENDING Continuation of Ser. No. US 1999-262109, filed on 4 Mar 1999, ABANDONED
Continuation-in-part of Ser. No. WO 1998-US18360, filed

on 3 Sep 1998, PENDING

| | NUMBER | DATE | |
|---|---|---|--------------|
| PRIORITY INFORMATION: | US 2001-262066P US 1997-57626P US 1997-57663P US 1997-57669P US 1997-58666P US 1997-58667P US 1997-58973P US 1997-58974P US 1998-90112P | 20010118 (60) 19970905 (60) 19970905 (60) 19970905 (60) 19970912 (60) 19970912 (60) 19970912 (60) 19970912 (60) 19980622 (60) | |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | APPLICATION | | |
| LEGAL REPRESENTATIVE: | HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850 | | |
| NUMBER OF CLAIMS: | 23 | | |
| EXEMPLARY CLAIM: | 1 | | |
| NUMBER OF DRAWINGS: | 2 Drawing Page(s) | | |
| LINE COUNT: | 33379 | | |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. | | | |
| AB The present invention relates to novel human secreted proteins and isolated nucleic acids containing the coding regions of the genes encoding such proteins. Also provided are vectors, host cells, antibodies, and recombinant methods for producing human secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating diseases, disorders, and/or conditions related to these novel human secreted proteins. | | | |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. | | | |
| L11 ANSWER 4 OF 7 | USPATFULL | on STN | |
| ACCESSION NUMBER: | 2002:322538 | USPATFULL | |
| TITLE: | ADAM polynucleotides, polypeptides, and antibodies | | |
| INVENTOR(S): | Ruben, Steven M., Olney, MD, UNITED STATES Ni, Jian, Germantown, MD, UNITED STATES Hastings, Gregg A., Westlake Village, CA, UNITED STATES Shi, Yanggu, Gaithersburg, MD, UNITED STATES Wei, Ping, Brookeville, MD, UNITED STATES | | |
| PATENT INFORMATION: | NUMBER | KIND | DATE |
| APPLICATION INFO.: | US 2002182702 | A1 | 20021205 |
| RELATED APPLN. INFO.: | US 2001-955504 | A1 | 20010919 (9) |
| | Continuation-in-part of Ser. No. WO 2000-US14308, filed on 25 May 2000, UNKNOWN Continuation-in-part of Ser. No. US 2000-712907, filed on 16 Nov 2000, PENDING | | |
| PRIORITY INFORMATION: | NUMBER | DATE | |
| | US 2000-234222P US 1999-136388P US US US 1999-136388P US 1999-142930P US 2000-178717P | 20000921 (60) 19990527 (60) 19990527 (60) 19990709 (60) 20000128 (60) | |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | APPLICATION | | |
| LEGAL REPRESENTATIVE: | HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850 | | |
| NUMBER OF CLAIMS: | 22 | | |

INVENTOR(S) : antibodies
Shi, Yanggu, Gaithersburg, MD, UNITED STATES
Ruben, Steven M., Olney, MD, UNITED STATES

| | NUMBER | KIND | DATE |
|-----------------------|--|------|--------------|
| PATENT INFORMATION: | US 2002077465 | A1 | 20020620 |
| APPLICATION INFO.: | US 2001-945676 | A1 | 20010905 (9) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. WO 2001-US5497, filed on 22 Feb 2001, UNKNOWN | | |

| | NUMBER | DATE |
|-----------------------|---|---------------|
| PRIORITY INFORMATION: | US 2000-187937P | 20000303 (60) |
| DOCUMENT TYPE: | Utility | |
| FILE SEGMENT: | APPLICATION | |
| LEGAL REPRESENTATIVE: | HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850 | |
| NUMBER OF CLAIMS: | 22 | |
| EXEMPLARY CLAIM: | 1 | |
| LINE COUNT: | 12287 | |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to novel human ADAM polypeptides and isolated nucleic acids containing the coding regions of the genes encoding such polypeptides. Also provided are vectors, host cells, antibodies, and recombinant methods for producing human ADAM polypeptides. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to these novel human ADAM polypeptides.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L11 ANSWER 7 OF 7 USPATFULL on STN
ACCESSION NUMBER: 2001:21777 USPATFULL
TITLE: Variable permeability bone implants, methods for their preparation and use
INVENTOR(S): Agrawal, C. Mauli, San Antonio, TX, United States
Athanasios, Kyriacos A., San Antonio, TX, United States
PATENT ASSIGNEE(S): Board of Regents of the University of Texas System, Austin, TX, United States (U.S. corporation)

| | NUMBER | KIND | DATE |
|---------------------|----------------|------|--------------|
| PATENT INFORMATION: | US 6187329 | B1 | 20010213 |
| APPLICATION INFO.: | US 1997-996708 | | 19971223 (8) |
| DOCUMENT TYPE: | Utility | | |
| FILE SEGMENT: | Granted | | |

PRIMARY EXAMINER: Azpuru, Carlos A.
LEGAL REPRESENTATIVE: Strozier, Robert W.
NUMBER OF CLAIMS: 20
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 8 Drawing Figure(s); 5 Drawing Page(s)
LINE COUNT: 1558

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention involves filler for treating injured tissue sites made from compositions having variable permeability to bodily fluid to reduce the flow to these fluids (bleeding) from the site of injury into the surrounding tissue. The fillers are prepared by dispersing a pore-forming agent in a polymer with agitation. Density developing a variable concentration of pore-forming agent throughout the polymer through application of an external force acting on the mixture so that a portion of the filler has a variable impermeability to bodily fluids. After agitation and/or density development, the pore-forming agent is leached from the mixture to form a polymer matrix having variable

permeability. Alternatively, the compositions can be made by fixedly combining a permeable material with an impermeable material to form a filler with reduced permeability to bodily fluid flow.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.